

*<selected from amino-, carboxy-, betaine-, quaternary ammonium-,
CLAIMS carbohydrate-, hydroxy- and alkoxy-substituted silicones;>*

1. A composition for hair treatment comprising discrete droplets characterised in that the droplets, within the same droplet comprise both;

- (i) a functionalised silicone^{<...>} and,
 (ii) a hydrocarbon oil;

2. A composition according to claim 1 comprising at least 0.25% by weight of the discrete droplets.

3. ~~A composition according to any preceding claim~~ wherein the discrete droplets comprise at least 5% by weight of functionalised silicone and at least 5% by weight of hydrocarbon oil expressed as a percentage of the weight of the droplets.

- 3 4. A composition according to any preceding claim, wherein the functionalised silicone is an amino-functionalised silicone.

- 4 5. A composition according to claim ³ wherein the amino-functionalised silicone has a weight percentage amine functionality from 0.3% to 8%, preferably from 0.5% to 4%.

- 5 6. A composition according to any preceding claim wherein the hydrocarbon oil has a kinematic viscosity of less than 500 mm²s⁻¹ at 25°C.

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- 6~~7~~. A composition according to any preceding claim wherein the kinematic viscosity of the functionalised silicone is less than $1000 \text{ mm}^2 \text{ s}^{-1}$ at 25°C .
- 5 7~~8~~. A composition according to any preceding claim wherein the mean droplet diameter ($D_{3,2}$) of the discrete droplets is from 0.05 to 25 micrometres.
- 8~~9~~. A composition according to any preceding claim wherein
10 the discrete droplets further comprise an emulsifying agent.
- 9 10~~11~~. A composition according to claim ⁸~~9~~ wherein the emulsifying agent comprises a nonionic surfactant.
- 15 10~~11~~. A composition according to any preceding claim wherein the discrete droplets are added to the composition as a non-aqueous phase of a pre-formed aqueous emulsion.
- 11 12~~13~~. A composition according to any preceding claim which is
20 a shampoo composition comprising at least one cleansing surfactant selected from anionic, cationic, nonionic, amphoteric and zwitterionic surfactants and mixtures thereof.
- 25 12~~13~~. A composition according to any one of claims 1 to ¹⁰~~11~~, which is a conditioner composition comprising at least one conditioning surfactant and a fatty alcohol and/or an alkoxylated fatty alcohol.

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18 ~~14~~. A method for incorporating discrete droplets comprising both a functionalised silicone^{<...>} and a hydrocarbon oil in the same droplets, into a hair treatment composition, comprising the steps of;

- 5 i) forming an intimate, non-aqueous blend comprising the functionalised silicone and the hydrocarbon oil,
- ii) preparing an aqueous emulsion comprising droplets comprising both a functionalised
- 10 silicone and a hydrocarbon oil in the same droplets and
- iii) mixing said aqueous emulsion with the hair treatment composition.

15 ~~15~~. A method according to claim ~~14~~¹³ wherein the aqueous emulsion further comprises an emulsifying agent.

15 ~~16~~. The use of a hair treatment composition according to any one of claims 1 to ~~12~~¹¹ for the conditioning of hair.

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16 ~~17~~. The use of a hair treatment composition according to any one of claims 1 to ~~12~~¹¹ as a conditioning shampoo.

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